

CROSS-CHECKING OF TRANSTHORACIC IMPEDENCE AND ACCELERATION SIGNALS

Abstract

5 A first chamber minute ventilation rate is determined based on a first
transthoracic impedance signal received from a first chamber of a heart and a second
chamber minute ventilation rate is determined based on a second transthoracic
impedance signal received from a second chamber of the heart. A processor compares
the minute ventilation rates to determine a rate. In one embodiment, an accelerometer
10 sensor provides data for evaluating propriety of a rate. Before implementing a rate
change, signals from multiple sensors are cross-checked.

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